International application No.

PCT/JP2004/018243

		CFZOIO (FOO.		
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ G02F1/13357, H05B33/04, H05B	33/14			
According to International Patent Classification (IPC) or to both nations	al classification and IPC			
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by c Int.Cl ⁷ G02F1/13357, H05B33/04, H05B	classification symbols) 33/14			
	ent that such documents are included in the oroku Jitsuyo Shinan Koho itsuyo Shinan Toroku Koho	e fields searched 1994–2004 1996–2004		
Electronic data base consulted during the international search (name of C. DOCUMENTS CONSIDERED TO BE RELEVANT	data base and, where practicable, search to	erms used)		
Category* Citation of documerat, with indication, where a		Relevant to claim No.		
<pre>X JP 2004-45769 A (Toyota Indu 12 February, 2004 (12.02.04) Y Full text; all drawings & EP 001380879 A & US & CN 001482585 A</pre>	•	22-25,32,33, 43,50-52 1-21,26-31, 34-42,44-49, 53-58		
<pre>Y JP 2000-267092 A (Seiko Epso 29 September, 2000 (29.09.00) Page 4; Fig. 1 (Family: none)</pre>	on Corp.),	1-21,50-58		
JP 2004-55461 A (Seiko Epson 19 February, 2004 (19.02.04), Page 6; Fig. 5 & EP 001385210 A2 & US & CN 001477911 A		5-7,26-31		
Further documents are listed in the corntinuation of Box C.	See notent family anney			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art			
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed 				
Date of the actual completion of the international search	Date of mailing of the international sear	ch renort		
17 February, 2005 (17.02.05)	08 March, 2005 (08.			
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer			
Facsimile No. Telephone No. Form PCT/ISA/210 (second sheet) (January 2004)				

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	JP 2003-288983 A (Semiconductor Energy Laboratory Co., Ltd.), 10 October, 2003 (10.10.03), Claims & US 2003-O18830 A	9-11,34-36, 56
Y	JP 2004-25732 A (Fuji Photo Film Co., Ltd.), 29 January, 2004 (29.01.04), Pages 2, 3, 6 & US 2004-0058157 A	12-17,37-42
Y	JP 7-181461 A (Matsushita Electric Industrial Co., Ltd.), 21 July, 1995 (21.07.95), Full text; all drawings (Family: none)	18-21,47-49, 57,58
Y	JP 10-96910 A (LG Electronics Inc.), 14 April, 1998 (14.04.98), Full text; all drawings & GB 009714682 A0 & DE 019730321 A0 & FR 002751434 A & GB 002315356 A & KR 000213968 A & US 006226062 B1	18-21,47-49, 57,58
Y	JP 2001-242456 A (Matsushita Electric Industrial Co., Ltd.), 07 September, 2001 (07.09.01), Full text; all drawings (Family: none)	18-21,47-49, 57,58
Y	JP 2001-255521 A (Fuji Xerox Co., Ltd.), 21 September, 2001 (21.09.01), Full text; all drawings (Family: none)	18-21,47-49, 57,58
Y	WO 000075718 Al (Citizen Watch Co., Ltd.), 14 December, 2000 (14.12.00), Pages 25 to 28; Figs. 12, 13 & DE 060005775 D & EP 001111437 Al & US 006693692 B & JP 003526453 B	43-46,54
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Observations where certain claims were found unsearchab	le (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claim 1. Claims Nos.: because they relate to subject matter not required to be searched by this	
2. Claims Nos.: because they relate to parts of the international application that do not coextent that no meaningful international search can be carried out, specified.	omply with the prescribed requirements to such an fically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with	ith the second and third sentences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation)	tion of item 3 of first sheet)
This International Searching Authority found multiple inventions in this internation of claims 22. However, the search has revealed that the novel since it is disclosed in document JP 20 Corp.), 12 February, 2004 (12.02.04), full text the invention of claim 22 makes no contribution be a special technical feature within the measurence. Accordingly, there exists no matter common to 1-58. (Continued to extra sheet) 1. X As all required additional search fees were timely paid by the applicant, to claims. 2. As all searchable claims could be searched without effort justifying an additional search fees were timely paid by the applicant, the claims. 3. As only some of the required additional search fees were timely paid by the only those claims for which fees were paid, specifically claims Nos.:	s 1-58 is an invention of claim e invention of claim 22 is not 004-45769 A (Toyota Industries t, all the figures. As a result n over the prior art and cannot aning of PCT Rule 13.2, second to all the inventions of claims this international search report covers all searchable tional fee, this Authority did not invite payment of
4. No required additional search fees were timely paid by the applicant. restricted to the invention first mentioned in the claims; it is covered by Remark on Protest The additional search fees were accompanied No protest accompanied the payment of addit	claims Nos.: I by the applicant's protest.

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Continuation of Box No.III of continuation of first sheet (2)

Furthermore, the inventions of claims 1-58 are divided into the following groups of inventions/

Group I: claims 1, 3, 22, 23, 43-46, 50-54 relating to configuration of a liquid crystal panel and a manufacturing method thereof.

Group II: claims 2, 24 relating to the interval between the pixel electrodes and the interval between the third electrode and the pixel electrode.

Group III: claims 4-7, 25-32 relating to configuration of the reflection film.

Group IV: claims 8-11, 33-36, 55, 56 relating to the organic EL and a liquid crystal panel manufacturing method including a step of forming the organic light emitting element.

Group V: claims 12-17, 37-42 relating to a barrier film.

Group VI: claims 18-21, 47-49, 57, 58 relating to a pixel electrode, a transistor, a color filter; and a liquid crystal panel manufacturing method including a step of forming a transistor array layer and a step of forming the color filter.

Since there exists no other common feature which can be considered as a special technical feature within the meaning of PCT Rule 13.2, second sentence, no technical relationship within the meaning of PCT Rule 13 between the different groups of inventions can be seen.

Accordingly, it is obvious that the inventions of claims 1-58 do not satisfy the requirement of unity of invention.